IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Sir:

Transmitted herewith for filing is the Patent Application of

Inventor (s): CHRISTOPHER DOUGLAS MOFFATT, RAY J. KOLAR and CHARLES W. RICHARDS

Title: SYSTEM AND METHOD FOR REDUCING PEAK-TO-AVERAGE POWER RATIO FOR MULTI-CARRIER COMMUNICATION SYSTEMS

Enclosed are:

- Fifteen (15) pages of specification and Claims 1-13, including an Abstract. [X]
- Seven (7) sheets of formal drawings showing Figures 1-7. [X]
- Combined Declaration and Power of Attorney. [X]
- A check in the amount of \$942.00 to cover the filing fee as calculated below: [X]

NUMBER OF CLAIMS		MBER XTRA	LARGE/SMALL ENTITY	FEE
TOTAL 13 - 20 =	00	х	\$18 OR \$9	= \$
INDEP. 05 - 03 =	02	х	\$86 OR \$43 =	= \$172
MULTIPLE DEPENDENT [] YES			\$290 OR \$145	= \$
(\$770.00 OR \$385.00) BASIC FILING FEE = \$770.00			TAL FILING FEES = \$	942.00

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or to credit any overpayment to Deposit Account No. 04-1679. A duplicate of this sheet is enclosed.

Respectfully submitted,

Mark C. Comtois

Reg. No. 46,285

L. Lawton Rogers, III

Reg. No. 24,302

D. Joseph English

Reg. No. 42,514

Patrick D. McPherson

Reg. No. 46,255

DUANE MORRIS LLP 1667 K Street, N.W., Suite 700 Washington D.C. 20006 Telephone: (202) 776-7800 Telecopier: (202) 776-7801

Dated: October 23, 2003